



SX011868 Cross Cylindrical Roller Bearing INA
Structure



Bearing No. SX011868

SX011868 Bearing 2D drawings and 3D CAD models

Size	340x420x38 mm
Bore Diameter	340 mm
Outer Diameter	420 mm
Width	38 mm
d_i - 340 mm / Tolerance: K6 +0,007 / -0,029	340 mm / Tolerance: K6 +0,007 / 0,029
D_a - 420 mm / Tolerance: h6 -0,040	420 mm / Tolerance: h6 0,040
H - 38 mm / Tolerance: +/-0,14	38 mm / Tolerance: +/0,14
D_i	380,8 mm
D_M	380 mm
d_a	379,2 mm
h - 38 mm / Tolerance: E8 -0,05	38 mm / Tolerance: E8 0,05
r_{min}	2,1 mm
S	2,5 mm
m	13,5 kg / Weight
	0,025 mm / Running accuracy, radial
	0,010 mm / Running accuracy, axial
$S_{r min}$	0,010 mm / Min. radial bearing clearance
$S_{r max}$	0,040 mm / Max. radial bearing clearance
$S_{k min}$	0,020 mm / Min. axial tilting clearance



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$S_{k \max}$	0,08 mm / Max. axial tilting clearance
RLO_{\max}	0,005 mm / Low clearance: Radial clearance
RLO_{\max}	0,010 mm / Low clearance: Preload
VSP_{\min}	0,005 mm / Min. bearing preload
VSP_{\max}	0,025 mm / Max. bearing preload
C_a	260000 N / Dynamic load rating (axial)
C_{0a}	1220000 N / Static load rating (axial)
C_r	185000 N / Dynamic load rating (radial) (for radial load only)
C_{0r}	485000 N / Static load rating (radial) (for radial load only)
$n_{G \text{OI}}$	400 1/min / Limiting speed for oil lubrication with normal clearance
$n_{G \text{Fett}}$	200 1/min / Limiting speed for grease lubrication with normal clearance
$n_{G \text{OI}}$	200 1/min / Limiting speed for oil lubrication with preload
Category	Bearings
Inventory	0.0
Manufacturer Name	SCHAEFFLER GROUP
Minimum Buy Quantity	N/A
Weight / Kilogram	16.166
Product Group	B04144